FLIT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FLIT, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain SMS-3-5/SECEC) FLIT Polyclonal Antibody
Product Gene Name	anti-FLIT antibody
Product Synonym Names	FLIT Antibody; Flagellar protein FliT fliT EcSMS35_1255
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain SMS-3-5/SECEC)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	13,783 Da
3D Structure	ModBase 3D Structure for B1LQS9
Immunogen	Recombinant Escherichia coli (strain SMS-3-5 / SECEC) fliT protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FLIT antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-FLIT antibody	MBS7184744 is an antibody targeting FLIT. Also known as Rabbit anti-Escherichia coli (strain SMS-3-5/SECEC) FLIT Polyclonal Antibody. Reactive in E Coli (strain SMS-3-5/SECEC). Host: Rabbit.
Other Notes	Small volumes of anti-FLIT antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FLIT. It may not necessarily be applicable to this product.

NCBI GI #	446937768
NCBI Accession #	WP_001015024.1
UniProt Primary Accession #	B1LQS9
GenBank Nucleotide #	WP_001015024.1
NCBI Official Full Name	MULTISPECIES: flagellar protein FliT

UniProt Protein Name	Flagellar protein FliT
Protein Family	Flagellar protein
UniProt Gene Name	fliT
UniProt Comments for FLIT	Dual-function protein that regulates the transcription of class 2 flagellar operons and that also acts as an export chaperone for the filament-capping protein FliD. As a transcriptional regulator, acts as an anti-FlhDC factor; it directly binds FlhC, thus inhibiting the binding of the FlhC/FlhD complex to class 2 promoters, resulting in decreased expression of class 2 flagellar operons. As a chaperone, effects FliD transition to the membrane by preventing its premature polymerization, and by directing it to the export apparatus.
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